

Section III

SUSPENSION SLINGS

2-8. Cargo Slings

Cargo slings (Figure 2-4) are used as suspension slings on platform loads rigged for low-velocity airdrop and as extraction slings for loads rigged for LAPE airdrop. These slings suspend the load under the cargo parachute during descent.

Suspension slings connect the cargo parachute to the load using a parachute release assembly. Cargo slings may also be used as deployment lines and to extend the risers of cargo parachutes or to group the bridles of a multiparachute load.

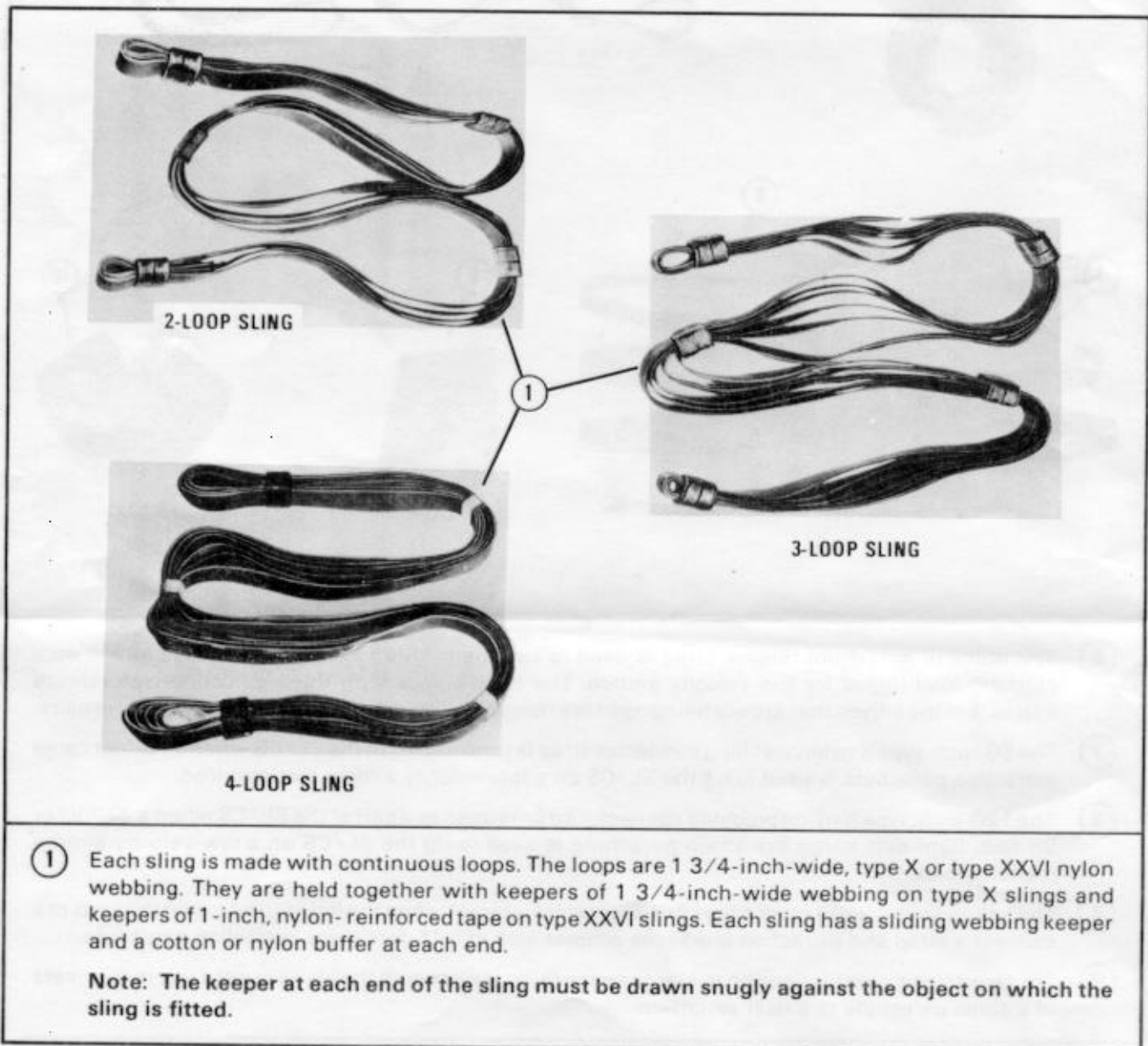


Figure 2-4. Cargo slings

2-9. Requirements

The size and number of suspension slings needed to rig an airdrop platform load for a low-velocity airdrop depend on the weight of the load. The size and number of cargo slings needed at each suspension point are listed in Table 2-2. The types of suspension slings authorized for use when a platform load is rigged for a low-velocity airdrop are listed in Table 2-3. Each rigging manual lists the slings used on a specific load.

Table 2-2. Size and number of cargo slings required for airdrop platform loads

Weight of Rigged Load Without Cargo Parachutes (pounds)	CARGO SLINGS AT EACH SUSPENSION POINT	
	Type X Nylon Webbing	Type XXVI Nylon Webbing
Up to 9,000	1 each (2-loop)	1 each (2-loop)
Up to 13,500	1 each (3-loop)	1 each (2-loop)
Up to 14,000	Not authorized	1 each (2-loop)
Up to 18,000	2 each (2-loop)	1 each (4-loop)
Up to 25,000	2 each (3-loop)	1 each (4-loop)
Up to 35,000	Not authorized	1 each (4-loop)
Up to 40,000	Not authorized	1 each (4-loop)

Table 2-3. Suspension slings for low-velocity airdrop

NEW				OLD			
National Stock Number	Length (feet)	Number of Loops	Type of Nylon Webbing	National Stock Number	Length (feet)	Number of Loops	Type of Nylon Webbing
1670-01-062-6301	3	2	XXVI	1670-00-753-3788	3	3	X
1670-01-062-6306	3	4	XXVI	1670-00-432-2499	3	4	XXVI
1670-01-062-6304	9	2	XXVI	1670-00-753-3790	9	2	X
				1670-00-753-3631	9	3	X
1670-01-062-6305	9	4	XXVI	1670-00-432-2501	9	4	XXVI
1670-01-063-7760	11	2	XXVI	1670-00-753-3791	11	2	X
				1670-00-823-5040	11	3	X
1670-01-062-6310	11	4	XXVI	1670-00-432-2505	11	4	XXVI
1670-01-062-6303	12	2	XXVI	1670-00-753-3792	12	2	X
				1670-00-823-5041	12	3	X
1670-01-062-6307	12	4	XXVI	1670-00-432-2506	12	4	XXVI
1670-01-063-7761	16	2	XXVI	1670-00-753-3793	16	2	X
				1670-00-823-5042	16	3	X
1670-01-062-6308	16	4	XXVI	1670-00-432-2507	16	4	XXVI
				1670-00-003-7237	16	4	XXVI
1670-01-062-6302	20	2	XXVI	1670-00-360-0474	20	2	X
				1670-00-753-3794	20	2	X
				1670-00-823-5043	20	3	X
1670-01-064-4453	20	4	XXVI	1670-00-003-1956	20	4	XXVI
				1670-00-432-2511	20	4	XXVI

Notes:

1. Old slings may be used until stocks are exhausted.
2. Old and new slings may be used on the same load, but they must be used in pairs.

EXAMPLE: If a type X nylon webbing sling is used for one front sling, a type X sling **MUST** be used for the other front sling. Type X slings may be used as front slings and type XXVI slings may be used as rear slings or vice versa.

3. The 8-foot sling is being phased out, and the 9-foot (2-loop), type XXVI nylon webbing sling is the authorized replacement. When the 8-foot sling is used as a deployment line, emergency aft restraint, safety sling, or extraction attaching point extension for the SL/CS extraction system, the 9-foot sling may be used instead.
4. A 2-loop, type XXVI nylon sling may be substituted for a 2-loop or 3-loop, type X nylon sling. Do NOT mix type XXVI and type X nylon webbing slings on any given suspension point.